BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

Sl No	Description of Item	Unit	No	L	B	D	Qty	Est.Cost.Rs. Rate	10000000 Amount
1	KSRRB M200-14.2 Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications **Dismantling brick/Tile work B. In cement mortar.** Pg No.139 Item No.18.23								
	At Kalyani								
	North Side								
	Treads	Cum	1	27.5	0.5	0.1	1.38		
		Cum	1	27	0.5	0.1	1.35		
		Cum	1	26.5	0.5	0.1	1.33		
		Cum	1	26	0.5	0.1	1.30		
		Cum	1	25.5	0.5	0.1	1.28		
		Cum	1	25	0.5	0.1	1.25		
		Cum	1	24.5	0.5	0.1	1.23		
		Cum	1	24	0.5	0.1	1.20		
		Cum	1	23.5	0.5	0.1	1.18		
		Cum	1	23	0.5	0.1	1.15		
		Cum	1	22.5	0.5	0.1	1.13		
		Cum	1	21.95	0.5	0.1	1.10		
		Cum	1	21.45	0.5	0.1	1.07		
		Cum	1	21.02	0.5	0.1	1.05		
	Rise	Cum	1	27.5	0.1	0.13	0.36		
		Cum	1	27	0.1	0.24	0.65		
		Cum	1	26.5	0.1	0.23	0.61		
		Cum	1	26	0.1	0.2	0.52		
		Cum	1	25.5	0.1	0.23	0.59		
		Cum	1	25	0.1	0.23	0.58		
		Cum	1	24.5	0.1	0.23	0.56		
		Cum	1	24	0.1	0.24	0.58		
		Cum	1	23.5	0.1	0.22	0.52		
		Cum	1	23	0.1	0.17	0.39		
		Cum	1	22.5	0.1	0.18	0.41		
		Cum	1	21.95	0.1	0.15	0.33		
		Cum	1	21.45	0.1	0.16	0.34		
		Cum	1	21.02	0.1	0.17	0.36		
		Cum	1	21.02	0.1	0.17	0.36		
	Top	Cum	1	29.5	2.1	0.1	6.20		
	South Side								
	Treads	Cum	1	27.5	0.5	0.1	1.38		
		Cum	1	27	0.5	0.1	1.35		
		Cum	1	26.5	0.5	0.1	1.33		
		Cum	1	26	0.5	0.1	1.30		
		Cum	1	25.5	0.5	0.1	1.28		
		Cum	1	25	0.5	0.1	1.25		
		Cum	1	24.5	0.5	0.1	1.23		
		Cum	1	24	0.5	0.1	1.20		
		Cum	1	23.5	0.5	0.1	1.18		
		Cum	1	23	0.5	0.1	1.15		
		Cum	1	22.5	0.5	0.1	1.13		
		Cum	1	21.95	0.5	0.1	1.10		
		Cum	1	21.45	0.5	0.1	1.07		
		Cum	1	21.02	0.5	0.1	1.05		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Rise	Cum	1	27.5	0.1	0.13	0.36		
		Cum	1	27	0.1	0.24	0.65		
		Cum	1	26.5	0.1	0.23	0.61		
		Cum	1	26	0.1	0.2	0.52		
		Cum	1	25.5	0.1	0.23	0.59		
		Cum	1	25	0.1	0.23	0.58		
		Cum	1	24.5	0.1	0.23	0.56		
		Cum	1	24	0.1	0.24	0.58		
		Cum	1	23.5	0.1	0.22	0.52		
		Cum	1	23	0.1	0.17	0.39		
		Cum	1	22.5	0.1	0.18	0.41		
		Cum	1	21.95	0.1	0.15	0.33		
		Cum	1	21.45	0.1	0.16	0.34		
		Cum	1	21.02	0.1	0.17	0.36		
		Cum	1	21.02	0.1	0.17	0.36		
	Top	Cum	1	29.5	2.1	0.1	6.20		
	West Side								
	Treads	Cum	1	34.5	0.5	0.1	1.73		
		Cum	1	33.5	0.5	0.1	1.68		
		Cum	1	32.5	0.5	0.1	1.63		
		Cum	1	31.5	0.5	0.1	1.58		
		Cum	1	30.45	0.5	0.1	1.52		
		Cum	1	29.5	0.5	0.1	1.48		
		Cum	1	28.55	0.5	0.1	1.43		
		Cum	1	27.56	0.5	0.1	1.38		
		Cum	1	26.58	0.5	0.1	1.33		
		Cum	1	25.6	0.5	0.1	1.28		
		Cum	1	24.61	0.5	0.1	1.23		
		Cum	1	23.55	0.5	0.1	1.18		
		Cum	1	22.5	0.5	0.1	1.13		
		Cum	1	21.45	0.5	0.1	1.07		
	Rise								
		Cum	1	34.5	0.1	0.13	0.45		
		Cum	1	33.5	0.1	0.24	0.80		
		Cum	1	32.5	0.1	0.23	0.75		
		Cum	1	31.5	0.1	0.2	0.63		
		Cum	1	30.45	0.1	0.23	0.70		
		Cum	1	29.5	0.1	0.23	0.68		
		Cum	1	28.55	0.1	0.23	0.66		
		Cum	1	27.56	0.1	0.24	0.66		
		Cum	1	26.58	0.1	0.22	0.58		
		Cum	1	25.6	0.1	0.2	0.51		
		Cum	1	24.61	0.1	0.18	0.44		
		Cum	1	23.55	0.1	0.15	0.35		
		Cum	1	22.5	0.1	0.17	0.38		
		Cum	1	21.45	0.1	0.17	0.36		
		Cum	1	21.45	0.1	0.17	0.36		
	Top	Cum	1	34.5	2.1	0.1	7.25		
	Basic rate							351.00	
	Area weightage 8%							28.08	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						95.80	448.88	43002.03

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) / 2.3.5 Pg No 6,Item No 2.4								
	SSM Footing For Kalyani Ramp								
	Longer Direction	Cum	2	12	0.9	0.75	16.20		
		Cum	2	7.2	0.9	0.75	9.72		
	Shorter Direction	Cum	1	6.4	0.9	0.75	4.32		
		Cum	1	4	0.9	0.75	2.70		
	SSM Excavation for GYM Equipment Platform								
	Longer Direction	Cum	2	9.15	0.9	0.6	9.88		
	Shorter Direction	Cum	2	3.7	0.9	0.6	4.00		
	Platform	Cum	1	1.89	0.9	0.6	1.02		
	Steps	Cum	2	1.89	0.9	0.6	2.04		
	Sump								
	For sump	cum	1	1.5	1.5	1.60	3.60		
	Basic rate							449.00	
	Area weightage 8%							35.92	
	Total						53.48	484.92	25933.42
3	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS Pg No 7, Item No 2.15								
	SSM Footing For Kalyani Ramp								
	Longer Direction	Cum	2	12	0.9	0.1	2.16		
		Cum	2	7.2	0.9	0.1	1.30		
	Shorter Direction	Cum	1	6.4	0.9	0.1	0.58		
		Cum	1	4	0.9	0.1	0.36		
	SSM Excavation for GYM Equipment Platform								
	Longer Direction	Cum	2	9.15	0.9	0.1	1.65		
	Shorter Direction	Cum	2	3.7	0.9	0.1	0.67		
	Platform	Cum	1	1.89	0.9	0.1	0.17		
	Steps	Cum	2	1.89	0.9	0.1	0.34		
	Basic rate							2429.00	
	Area weightage 8%							194.32	
	Total						7.22	2623.32	18928.04
	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.13 Item No 4.3								
	SSM Footing For Kalyani Ramp								
	Longer Direction	Cum	2	12	0.9	0.15	3.24		
		Cum	2	7.2	0.9	0.15	1.94		
	Shorter Direction	Cum	1	6.4	0.9	0.15	0.86		
		Cum	1	4	0.9	0.15	0.54		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	SSM Below								
	Longer Direction	Cum	2	9.15	0.9	0.15	2.47		
	Shorter Direction	Cum	2	3.7	0.9	0.15	1.0		
	Platform	Cum	1	1.89	0.9	0.15	0.3		
	Steps	Cum	2	1.89	0.9	0.15	0.5		
	For sump	Cum	1	1.50	1.50	0.10	0.23		
	Basic rate							5102.00	
	Area weightage 8%							408.16	
	Total						**11.05**	**5510.16**	**60875.97**
5	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 13/I.No. 4.2 of CSR 2018-19)								
	Platform	Cum	1	5.50	9.15	0.15	7.55		
		Cum	1	1.89	0.60	0.15	0.17		
								5194.00	
	Basic rate							415.52	
	Area weightage 8%						**7.72**	5609.52	43299.04
	Total								
6	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2, Pg No. 13 Item No. 4.6								
	Above SSM								
	SSM Footing For Kalyani Ramp								
	Longer Direction	Cum	2	12	0.45	0.15	1.6		
		Cum	2	7.2	0.45	0.15	1.0		
	Shorter Direction	Cum	1	6.85	0.45	0.15	0.5		
		Cum	1	4.45	0.45	0.15	0.3		
	SSM Excavation for GYM Equipment Platform								
	Longer Direction	Cum	2	9.15	0.6	0.15	1.6		
	Shorter Direction	Cum	2	4.3	0.6	0.15	0.8		
	Platform	Cum	1	1.89	0.6	0.15	0.2		
	Steps	Cum	2	1.89	0.6	0.15	0.3		
								5422.00	
	Basic rate							433.76	
	Area weightage 8%						**6.29**	5855.76	36809.60
	Total								
	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications KBS 5.1.13 Pg. No 25 item No 5.6								
	SSM Footing For Kalyani Ramp								
	Longer Direction	Cum	2	12	0.6	0.6	8.6		
		Cum	2	7.2	0.6	0.6	5.2		
	Shorter Direction	Cum	1	6.7	0.6	0.6	2.4		
		Cum	1	4.3	0.6	0.6	1.5		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	SSM for GYM Equipment Platform								
	Longer Direction	Cum	2	9.15	0.6	0.45	4.9		
	Shorter Direction	Cum	2	4.3	0.6	0.45	2.32		
	Platform	Cum	1	1.89	0.6	0.45	0.51		
	Steps	Cum	1	1.89	0.6	0.45	0.51		
		Cum	1	1.89	0.23	0.45	0.20		
	Basic rate							4596.00	
	Area weightage 8%							367.68	
	Total						**26.26**	**4963.68**	**130362.20**
8	KSRB 5.4-4 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 Pg No 25 item No 5.13								
	SSM Footing For Kalyani Ramp								
	Longer Direction	Cum	2	12	0.45	1.05	11.3		
		Cum	2	7.2	0.45	1.05	6.8		
	Shorter Direction	Cum	1	6.85	0.45	1.05	3.2		
		Cum	1	4.45	0.45	1.05	2.1		
	SSM for GYM Equipment Platform								
	Longer Direction	Cum	2	9.15	0.60	0.45	4.94		
	Shorter Direction	Cum	2	4.30	0.60	0.45	2.32		
	Platform	Cum	1	1.89	0.60	0.45	0.51		
	Steps	Cum	1	1.89	0.60	0.23	0.26		
								6005.00	
	Basic rate							480.40	
	Area weightage 8%						**31.52**	**6485.40**	**204402.75**
	Total								
	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per								
	SSM Footing For Kalyani Ramp								
	Longer Direction	Sqm	2	12.00		1.05	25.20		
		Sqm	2	7.20		1.05	15.12		
	Shorter Direction	Sqm	2	6.85		1.05	14.39		
		Sqm	2	4.45		1.05	9.35		
	SSM for GYM Equipment Platform								
	Longer Direction	Sqm	2	9.15		0.45	8.24		
	Shorter Direction	Sqm	2	4.30		0.45	3.87		
	Platform	Sqm	2	1.89		0.45	1.70		
								142.00	
	Basic rate							11.36	
	Area weightage 8%						77.86	153.36	11940.00
	Total								

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
10	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9, Pg No.7, Item No.2.10								
	Filling Available of Excavated Earth								
	Earth Work Excavation	Cum					53.48		
	PCC for Footing	Cum					-11.05		
	Filling in foundation with granite / trap broken metal	Cum					-7.22		
	SSM Footing	Cum					-26.26		
	Footing Concrete Quantity	Cum						201.00	
	Basic rate							16.08	
	Area weightage 8%						8.95	217.08	1943.59
	Total								
1	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4								
	Excavated Earth	Cum					53.48		
	Filling Available of Excavated Earth						-8.95		
	Loading and unloading item no.17.1 KSRRB M 100-1	Cum						57.00	
	Basic rate for haulage of materials as per item No. 17.4 KSRRB : M 100 - 4.1	t.km	For surface roads exluding loading & unloading Basic rate					2.00	
	Average Weight of earth		For2Kms =2x1.28x2					5.12	
	Basic rate							62.12	
	Area weightage 8%							4.97	
	Total						44.53	67.09	2987.26
	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No. 4.5 of PWD SR 2018-19)								
	North Side								
	Treads	Cum	1	27.5	0.5	0.1	1.4		
		Cum	1	27	0.5	0.1	1.4		
		Cum	1	26.5	0.5	0.1	1.3		
		Cum	1	26	0.5	0.1	1.3		
		Cum	1	25.5	0.5	0.1	1.3		
		Cum	1	25	0.5	0.1	1.3		
		Cum	1	24.5	0.5	0.1	1.2		
		Cum	1	24	0.5	0.1	1.2		
		Cum	1	23.5	0.5	0.1	1.2		
		Cum	1	23	0.5	0.1	1.2		
		Cum	1	22.5	0.5	0.1	1.1		
		Cum	1	21.95	0.5	0.1	1.1		
		Cum	1	21.45	0.5	0.1	1.1		
		Cum	1	21.02	0.5	0.1	1.1		
	Rise	Cum	1	27.5	0.1	0.13	0.4		
		Cum	1	27	0.1	0.24	0.6		
		Cum	1	26.5	0.1	0.23	0.6		

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Cum	1	26	0.1	0.2	0.5		
	Cum	1	25.5	0.1	0.23	0.6		
	Cum	1	25	0.1	0.23	0.6		
	Cum	1	24.5	0.1	0.23	0.6		
	Cum	1	24	0.1	0.24	0.6		
	Cum	1	23.5	0.1	0.22	0.5		
	Cum	1	23	0.1	0.17	0.4		
	Cum	1	22.5	0.1	0.18	0.4		
	Cum	1	21.95	0.1	0.15	0.3		
	Cum	1	21.45	0.1	0.16	0.3		
	Cum	1	21.02	0.1	0.17	0.4		
	Cum	1	21.02	0.1	0.17	0.4		
Top	Cum	1	29.5	2.1	0.1	6.2		
South Side								
Treads	Cum	1	27.5	0.5	0.1	1.4		
	Cum	1	27	0.5	0.1	1.4		
	Cum	1	26.5	0.5	0.1	1.3		
	Cum	1	26	0.5	0.1	1.3		
	Cum	1	25.5	0.5	0.1	1.3		
	Cum	1	25	0.5	0.1	1.3		
	Cum	1	24.5	0.5	0.1	1.2		
	Cum	1	24	0.5	0.1	1.2		
	Cum	1	23.5	0.5	0.1	1.2		
	Cum	1	23	0.5	0.1	1.2		
	Cum	1	22.5	0.5	0.1	1.1		
	Cum	1	21.95	0.5	0.1	1.1		
	Cum	1	21.45	0.5	0.1	1.1		
	Cum	1	21.02	0.5	0.1	1.1		
Rise	Cum	1	27.5	0.1	0.13	0.4		
	Cum	1	27	0.1	0.24	0.6		
	Cum	1	26.5	0.1	0.23	0.6		
	Cum	1	26	0.1	0.2	0.5		
	Cum	1	25.5	0.1	0.23	0.6		
	Cum	1	25	0.1	0.23	0.6		
	Cum	1	24.5	0.1	0.23	0.6		
	Cum	1	24	0.1	0.24	0.6		
	Cum	1	23.5	0.1	0.22	0.5		
	Cum	1	23	0.1	0.17	0.4		
	Cum	1	22.5	0.1	0.18	0.4		
	Cum	1	21.95	0.1	0.15	0.3		
	Cum	1	21.45	0.1	0.16	0.3		
	Cum	1	21.02	0.1	0.17	0.4		
	Cum	1	21.02	0.1	0.17	0.4		
Top	Cum	1	29.5	2.1	0.1	6.2		
West Side						0.0		
Treads	Cum	1	34.5	0.5	0.1	1.7		
	Cum	1	33.5	0.5	0.1	1.7		
	Cum	1	32.5	0.5	0.1	1.6		
	Cum	1	31.5	0.5	0.1	1.6		
	Cum	1	30.45	0.5	0.1	1.5		
	Cum	1	29.5	0.5	0.1	1.5		
	Cum	1	28.55	0.5	0.1	1.4		
	Cum	1	27.56	0.5	0.1	1.4		
	Cum	1	26.58	0.5	0.1	1.3		

No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Cum	1	25.6	0.5	0.1	1.3		
		Cum	1	24.61	0.5	0.1	1.2		
		Cum	1	23.55	0.5	0.1	1.2		
		Cum	1	22.5	0.5	0.1	1.1		
		Cum	1	21.45	0.5	0.1	1.1		
	Rise								
		Cum	1	34.5	0.1	0.13	0.4		
		Cum	1	33.5	0.1	0.24	0.8		
		Cum	1	32.5	0.1	0.23	0.7		
		Cum	1	31.5	0.1	0.2	0.6		
		Cum	1	30.45	0.1	0.23	0.7		
		Cum	1	29.5	0.1	0.23	0.7		
		Cum	1	28.55	0.1	0.23	0.7		
		Cum	1	27.56	0.1	0.24	0.7		
		Cum	1	26.58	0.1	0.22	0.6		
		Cum	1	25.6	0.1	0.2	0.5		
		Cum	1	24.61	0.1	0.18	0.4		
		Cum	1	23.55	0.1	0.15	0.4		
		Cum	1	22.5	0.1	0.17	0.4		
		Cum	1	21.45	0.1	0.17	0.4		
		Cum	1	21.45	0.1	0.17	0.4		
	Top	Cum	1	34.5	2.1	0.1	7.2		
								5328.00	
	Basic rate							426.24	
	Area weightage 8%						95.80	5754.24	551247.50
	Total								

KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Specification No. KBS 4.6.2 page no.16 item no 4.29.2

	Ground Floor								
	Centring								
	Slab	Sqm	1	12	7.3		87.60		
	Deduction	Sqm	-1	4.9	1.2		-5.88		
		Sqm	-1	7.2	4.9		-35.28		
	For Sump								
	Cover slab	Sqm	1	1.5	1.5		2.25		
	Basic rate							400.00	
	Area weightage 8%							32.00	
	Total						48.69	432	21034.08

KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.2, Pg No 17,Item No 4.36

	Ground Floor								
	Slab	Sqm	1	53		0.15	7.95		
								755.00	
	Basic rate							60.40	
	Area weightage 8%						7.95	815.4	6482.43
	Total								

KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No 16, Item No 4.28

	For Sump								
	Bottom slab	Sqm	1	6		0.15	0.90		

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Sump walls	Sqm	4	1.5		1.5	9.00		
	Sqm	4	1.2		1.5	7.20		
Basic rate							258.00	
Area weightage 8%							20.64	
Total						17.10	278.64	4764.74

Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. Pg No.19 Item No.4.49.2

Ground Floor								
Slab	Cum	1	12	7.3	0.15	13.1		
Deduction	Cum	-1	4.9	1.2	0.15	-0.9		
	Cum	-1	7.2	4.9	0.15	-5.3		
Basic rate							5497.00	
Area weightage 8%							439.76	
Total						6.97	5936.76	41355.47

KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.10

For sump								
Bottom slab	Cum	1	1.50	1.50	0.15	0.34		
Sump walls	Cum	2	1.50	0.15	1.50	0.68		
	Cum	2	1.20	0.15	1.50	0.54		
Cover slab	Cum	1	1.50	1.50	0.15	0.34		
Basic rate							5812.00	
Area weightage 8%							464.96	
Total						1.89	6276.96	11863.45

KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Pg No.18 Item No.4.46.2

Ground Floor								
Slab	Cum	Concrete Quantity				6.97		
	kg	Steel assumed 125 Kg/Cum of Concrete				870.8		
	tonne					0.87		
Sump walls	Cum	Concrete Quantity				1.89		
	kg	Steel assumed 125 Kg/Cum of Concrete				236.3		
	tonne					0.24		
Basic rate							64410.00	
Area weightage 8%							5152.80	
Total						1.11	69562.8	77006.02

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 12-6.1 : Providing 20mm square M.S footrest and fixing in manhole Nos 232.00 with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6Pg No. 75 item no. 11.44								
For sump	No.s	3				3.00		
Basic rate							276.00	
Area weightage 8%							22.08	
Total						3.00	298.08	894.24
KSRB 5-14.1: Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No.5.4, Pg No. 27 Item No. 5.27.1								
Ground Floor								
Longer Side	Sqm	2	12		0.45	10.8		
	Sqm	2	7.2		0.45	6.48		
Shorter side	Sqm	1	7.3		0.45	3.285		
	Sqm	1	4.2		0.45	1.89		
Room								
Long Wall	Sqm	1	5.15		2.3	11.85		
			Triangular					
Short wall	Sqm	1	4.9		2.3	11.27		
Deduction								
D	Sqm	-1	0.9		2.1	-1.89		
							912.00	
Basic rate							72.96	
Area weightage 8%						43.68	984.96	43023.05
Total								
KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116,Item No.15.16								
External Plastering								
Ground Floor								
Longer Side	Sqm	2	12		1.2	28.80		
	Sqm	2	7.2		1.2	17.28		
Shorter side	Sqm	1	7.3		1.2	8.76		
	Sqm	1	4.2		1.2	5.04		
Room								
Long Wall	Sqm	1	5.15		2.3	11.85		
			Triangular					
Short wall	Sqm	1	4.9		2.3	11.27		
Deduction								
	Sqm	-1	0.9		2.1	-1.89		
Basic rate							261.00	
Area weightage 8%							20.88	
Total						81.11	281.88	22861.88
KSRB 15-3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .Pg No. 115 Item No.15.10								
External Plastering								
Long Wall	Sqm	1	5.15		2.3	11.85		
			Triangular					
Short wall	Sqm	1	4.9		2.3	11.27		

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Deduction								
D	Sqm	-1	0.9		2.1	-1.89		
Basic rate							204.00	
Area weightage 8%							16.32	
Total						21.23	220.32	4676.29

KSRB15-3-14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Pg No 116, Item No15.22

Ceiling								
Room	Sqm	1	4.9	5.15		25.23		
Basic rate							225.00	
Area weightage 8%							18.00	
Total						25.23	243.00	6130.89

providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification. Pg No.128 Item No.15.106

for Internal plastered portions	Sqm	1	same as Internal			21.23		
ceiling	Sqm	1	same as plastering for beam + ceiling			25.23		
							78.00	
Basic rate							6.24	
Area weightage 8%						46.46	84.24	3913.37
Total								

KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. PgNo. 119, I No. 15.51.2

Internal painting	Sqm	Same as Internal plastering				21.23		
							90.00	
Basic rate							7.2	
Area weightage 8%						21.23	97.20	2063.07
Total								

KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications.Pg No 119,Item No15.49.2

Ceiling	Sqm	Same as plastering for beam				25.23		
Above Shiva Statue								
	Sqm	1	13.5	13.2		178.2		
	Sqm	1	8.35	5		41.75		
Beam	Sqm	4	13.2		0.55	29.04		
	Sqm	4	13.5		0.55	29.7		
							110.00	
Basic rate							8.00	
Extra over Item 15-14.1							118.00	
5% total							9.44	
Area weightage 8%						303.92	127.44	38731.56
Total								

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications (page no127, item no.15.103)								
External painting								
Ground Floor	Sqm	Same as External plastering +chajja plastering +Compound Wall plastering				81.11		
Basic rate							340.00	
Area weightage 8%							27.2	
Total						81.11	367.20	29781.76
Providing and fixing for flooring 40mm thick sadarhalli grey flammed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM 1:6 and fixing granite slab with CM 1:3..Pg No 111,Item No 14.57								
Flooring								
North Side								
Treads	Sqm	1	27.5	0.5		13.8		
	Sqm	1	27	0.5		13.5		
	Sqm	1	26.5	0.5		13.3		
	Sqm	1	26	0.5		13.0		
	Sqm	1	25.5	0.5		12.8		
	Sqm	1	25	0.5		12.5		
	Sqm	1	24.5	0.5		12.3		
	Sqm	1	24	0.5		12.0		
	Sqm	1	23.5	0.5		11.8		
	Sqm	1	23	0.5		11.5		
	Sqm	1	22.5	0.5		11.3		
	Sqm	1	21.95	0.5		11.0		
	Sqm	1	21.45	0.5		10.7		
	Sqm	1	21.02	0.5		10.5		
Top	Sqm	1	29.5	2.1		62.0		
South Side								
Treads	Sqm	1	27.5	0.5		13.8		
	Sqm	1	27	0.5		13.5		
	Sqm	1	26.5	0.5		13.3		
	Sqm	1	26	0.5		13.0		
	Sqm	1	25.5	0.5		12.8		
	Sqm	1	25	0.5		12.5		
	Sqm	1	24.5	0.5		12.3		
	Sqm	1	24	0.5		12.0		
	Sqm	1	23.5	0.5		11.8		
	Sqm	1	23	0.5		11.5		
	Sqm	1	22.5	0.5		11.3		
	Sqm	1	21.95	0.5		11.0		
	Sqm	1	21.45	0.5		10.7		
	Sqm	1	21.02	0.5		10.5		
)p	Sqm	1	29.5	2.1		61.95		
eduction								
imp	Sqm	1	9.1	5		-45.50		
West Side								
eads	Sqm	1	34.5	0.5		17.25		
	Sqm	1	33.5	0.5		16.75		
	Sqm	1	32.5	0.5		16.25		
	Sqm	1	31.5	0.5		15.75		

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Sqm	1	30.45	0.5		15.23		
	Sqm	1	29.5	0.5		14.75		
	Sqm	1	28.55	0.5		14.28		
	Sqm	1	27.56	0.5		13.78		
	Sqm	1	26.58	0.5		13.29		
	Sqm	1	25.6	0.5		12.80		
	Sqm	1	24.61	0.5		12.31		
	Sqm	1	23.55	0.5		11.78		
	Sqm	1	22.5	0.5		11.25		
	Sqm	1	21.45	0.5		10.73		
Top	Sqm	1	34.5	2.1		72.45		
Basic Rate							1834	
Area weightage 8%							146.72	
Total						686.45	1980.72	1359655.34

Providing and fixing of wall cladding using 20 mm thick gang saw water cut granite in CM 1:3 proportion cut to required shape patron with paper joint finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm × 12mm grooves in joints including curing etc., complete - with grey granite 20mm thick gang saw with minimum width 1200 complete as per specifications.Pg No 113 ,Item No 14.67.2

At Kalyani wall								
East Side								
Wall Cladding	Sqm	1	20.95		3.08	64.53		
	Sqm	1	8.1		1.54	12.47		
	Sqm	1	7.5		1.54	11.55		
For Colums								
	Sqm	12	1.96		3	70.56		
At Shiva Temle Ramp								
Slab	Sqm	1	12	7.3		87.60		
Deduction	Sqm	-1	4.9	1.2		-5.88		
	Sqm	-1	7.2	4.9		-35.28		
North Side								
Rise	Sqm	1	27.5		0.13	3.6		
	Sqm	1	27		0.24	6.5		
	Sqm	1	26.5		0.23	6.1		
	Sqm	1	26		0.2	5.2		
	Sqm	1	25.5		0.23	5.9		
	Sqm	1	25		0.23	5.8		
	Sqm	1	24.5		0.23	5.6		
	Sqm	1	24		0.24	5.8		
	Sqm	1	23.5		0.22	5.2		
	Sqm	1	23		0.17	3.9		
	Sqm	1	22.5		0.18	4.1		
	Sqm	1	21.95		0.15	3.3		
	Sqm	1	21.45		0.16	3.4		
	Sqm	1	21.02		0.17	3.6		
	Sqm	1	21.02		0.17	3.6		
South Side								
Rise	Sqm	1	27.5		0.13	3.58		
	Sqm	1	27		0.24	6.48		
	Sqm	1	26.5		0.23	6.10		
	Sqm	1	26		0.2	5.20		
	Sqm	1	25.5		0.23	5.87		
	Sqm	1	25		0.23	5.75		

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Sqm	1	24.5		0.23	5.64		
	Sqm	1	24		0.24	5.76		
	Sqm	1	23.5		0.22	5.17		
	Sqm	1	23		0.17	3.91		
	Sqm	1	22.5		0.18	4.05		
	Sqm	1	21.95		0.15	3.29		
	Sqm	1	21.45		0.16	3.43		
	Sqm	1	21.02		0.17	3.57		
	Sqm	1	21.02		0.17	3.57		
West Side								
Rise	Sqm	1	34.5		0.13	4.49		
	Sqm	1	33.5		0.24	8.04		
	Sqm	1	32.5		0.23	7.48		
	Sqm	1	31.5		0.2	6.30		
	Sqm	1	30.45		0.23	7.00		
	Sqm	1	29.5		0.23	6.79		
	Sqm	1	28.55		0.23	6.57		
	Sqm	1	27.56		0.24	6.61		
	Sqm	1	26.58		0.22	5.85		
	Sqm	1	25.6		0.2	5.12		
	Sqm	1	24.61		0.18	4.43		
	Sqm	1	23.55		0.15	3.53		
	Sqm	1	22.5		0.17	3.83		
	Sqm	1	21.45		0.17	3.65		
	Sqm	1	21.45		0.17	3.65		
							2447.00	
Basic Rate							195.76	
Area weightage 8%						431.59	2642.76	1140588.52
Total								

KSRB 14.14-5: Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications.Pg No 108,Item No14.36 .2

At Kalyani pond area	Sqm	1	19.5	18.5		360.75		
Wall	Sqm	2	18.5		0.51	18.87		
	Sqm	2	19.5		0.51	19.89		
Wall Top	Sqm	2	18.5	0.7		25.9		
	Sqm	1	19.5	0.7		13.65		
	Sqm	1	19.5	0.25		4.875		
Colums Around	Sqm	12	1.96		0.51	12.00		
round SSM Footing	Sqm	2	12		0.6	14.40		
	Sqm	1	7.3		0.6	4.38		
eduction								
olums	Sqm	-12	0.96	1		-11.52		
ab	Sqm	-2	12	1.2		-28.8		
	Sqm	-1	4.9	7.3		-35.77		
							1210.00	
sic Rate							96.8	
a weightage 8%						398.62	1306.80	520916.88
tal								

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 9-27.1 : Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications. Pg No 60,Item No9.80								
Ground Floor								
D	Nos	1				1		
Basic rate							1366.00	
Area weightage 8% -							109.28	
Total						1	1475.28	1475.28
KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 Pg No 53,Item No9.11								
Ground Floor								
D	Cum	1	6	0.125	0.1	0.08		
Basic rate							87604.0	
Area weightage 8%							7008.32	
Total						0.08	94612.3	7095.92
KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, Pg No. 53, Item No. 9.15								
Ground Floor								
D	Sqm	1	0.90		2.1	1.89		
Basic rate							4722.0	
Area weightage 8%							377.76	
Total						1.89	5099.76	9638.55
Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications. Pg no:121.Item no:15.60.1								
Ground Floor								
	Sqm	1	6	0.125		0.75		
	Sqm	2	6	0.1		1.20		
Basic rate							97.00	
Area weightage 8%							7.76	
Total						1.95	104.76	204.28
SRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% proctors density) MORTH Specification No. 305								
M Excavation for GYM Equipment Platform	Cum	1	9.15	4.3	0.4	15.74		
Basic rate							325.00	
Area weightage 8%							26.00	
Total						15.74	351.00	5524.04

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification. page no 69 item no 10.5.1									
For sump									
Bottom slab	Sqm	1	1.5	1.5		2.25		
Sump walls	Sqm	2	1.5		1.5	4.5		
	Sqm	2	1.2		1.5	3.6		
Cover slab	Sqm	1	1.5	1.5		2.25		
Basic rate							526.0	
Area weightage 8%							42.08	
Total						12.60	568.08	7157.81
Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. Pg 45 Item no.7.38									
At Ramp near Shiva Temple									
	Sqm	2	12		0.9	21.60		
	Sqm	1	7.3		0.9	6.57		
	Sqm	1	4.9		0.9	4.41		
	Sqm	2	7.2		0.9	12.96		
Basic Rate							6021.0	
Area weightage 8%							481.68	
Total						45.54	6502.68	296132.05
Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (P.No. 2, I.No. 14.62 of PWD SR 2018-19)									
Platform	Sqm	1	5.50	9.15		50.325		
	Sqm	1	1.89	0.60		1.134		
Basic rate							1232.0	
Area weightage 8%							98.56	
Total						51.46	1330.56	68469.29
Providing and laying/fixing Submersible Pump 5HP/3.7kw, 12 Stage , page no. XL1 Item No. 6									
Submersible pump	Unit	2				2		
							31427.0	
Basic rate							2514.16	
Area weightage 8%						2.00	33941.16	67882.32
Total								

	Unit	No	L	B	D	Qty	Rate	Amount
Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.								
110mm Dia	m	1	29.00			29		
Basic rate							434.0	
Area weightage 8%							34.72	
Total						29.00	468.72	13592.88
CHILDREN'S PLAY EQUIPMENTS								
Supply and fixing of childern Play Equipment Two seater seesaw : The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 2 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges								
	Each	1				1		
							83478.0	
Data Rate						1	83478.0	83478.00
Total								
Supply and fixing of childern Play Equipment Fiero A Swing : Shaped structural posts of height 2.31 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2mm (wall) thickness of the tubing. Plastic Components such as swing seats [super thick plastic] shall be animated nd shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, vith color molded in and minimum thickness of 6 - 8mm. The rates are to be inclusive of supply and installation at ite. Inclusive of All Taxes and Transportation Charges								
	Each	1				1		
							126892.0	
ata Rate						1	126892.0	126892.00
Total								
upply and fixing of childern Play Equipment Monkey Bars - E : upport posts of height 2.15 m are to be schedule Galvanized steel with a 114 mm OD {Outer Diameter}.All the osts are to be finished with a baked on powder coat finish. Handrail of size 1.3 m and Dia 48 mm shall be an welded it, fabricated from 48 O.D. galvanized steel pipes with a baked on powder coating finish. Bolts, nuts, screws, ashers and etc used for assembly shall be stainless steel 304 grade and shall be of tamper resistant stainless steel. ectro - statically applied polyester powder must have a tough finish with maximum durability. The rates are to be clusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges								
	Each	1				1.00		
							194530.00	
ta Rate						1.00	194530.00	194530.00
otal								
pply and fixing of childern Play Equipment Four Seater Seesaw : ECIFICATIONS The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the izontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 4 seats which is made of DPE virgin plastic of size 305mm X 213 mm X 125 mm. The rates are to be inclusive of supply and installation ite. Inclusive of All Taxes and Transportation Charges								
	Each	1				1		
							107240.00	
a Rate						1	107240.00	107240.00
tal								

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Supply and fixing of childern Multi Play Equipment with curved slide and number panel : Upright structural posts of height 2.4 m, 2.7 m, 3.3 m schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. All metal components are to be finished with a baked on powder coat finish.With deck of size 1.45 x 1.45m and Staircase of size 1.5m x 0.77 m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Decks are pressed, punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Along with Handrail of height 2.2 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish.Curved Slide of size 1.94 m x 1.85 m x 2.4 m, Panels,Toprails Of Monkey loop of size 1.8 m x 1.3 m.Deck of size 1.45 x 1.45m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Decks are pressed, punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Roof of size Dia 2 m and height 0.82 m, Spiral Slide of size 1.16 m x 1.6 m x 3.6 m, Panels The rates are to be inclusive of supply and installation at								
	Each	1				1		
Data Rate							2201295	
Total						1	2201295	2201295.00
Supply and fixing of childern Play Equipment Hexa climber : Upright structural posts of height 2.6 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Top rail Bars Dia 32 mm are all robotic welded fabricated from 48MM O.D. galvanized steel pipes for the outer bars and 32 mm OD galvanized steel for the inner parallel bars with a baked on powder coat finish. Net Climber of size 2.1 m are all robotic welded fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvanized steel for the inner parallel bars with a baked on powder coat finish. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges								
	Each	1				1		
Data Rate							215400	
Total						1	215400	215400
Supply and fixing of childern Play Equipment Merry go round - DX : The Merry go round consists of a round platform which is made of galvanized steel and has a thickness of 2.5 mm. It is also power coated with the thickness of 2.5 mm. It is of Dia 1210 mm. It has 3 inverted "L" shaped handrails which is made of Galvanized steel and of dimensions as 474 mmx 815 mm. It has thickness of Dia 32 mm. The 3 handrails are separated exactly. All the 3 handrails are connected to the Centre with the help of a rod which is also made of Galvanized steel and of Dia 48 mm and height 815 mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges								
	Each	2				2		
Data Rate							85040.00	
Total						2	85040.00	170080.00
Supply and fixing of childern Play Equipment Puppy dog Rider / Elephant rider / Horse rider : : HDPE of size 0.83 x 0.31 m x 0.87 m, Plastic Components [super thick plastic] shall be rotationally molded from antistatic, polymer, virgin linear low density UV stabilized polyethylene, with "color molded" in not "added in". All rotational molding is carried out in state of the art, precision, bi axial roto moulding machines which helps achieve guaranteed uniform wall thickness, seamless joints, accurate process control, one part construction to make it stress free. Specialized connectors such as clamps and couplings are to be cast from aluminium which is pre-treated, and coated, with a baked on powder coat finish.The rates are to be inclusive of supply and installation at site. Inclusive of Taxes and Transportation Charges								
	Each	4				4		
a Rate							55776	
tal						4	55776	223104.00

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Gym Items								
Supply & fixing of Elliptical Cross Trainer: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 845 MM x						1.00		
	Each	1					175000.00	
Data Rate						1.00	175000.00	175000.00
Total								
Supply & fixing of Seated Chest Press : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1955 MM x 1955 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges						1		
	Each	1					287500.0	
Rate						1	287500.0	287500.0
Total								

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Supply & fixing of Tai Chi Spinners : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1150 MM x 1120 MM x 1620 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges							1		
	Each	1					1	143750	143750.0
Rate								143750	
Total									
Supply & fixing of HD Health Walker :All products must tested and certified to meet EN16630 safety standards with S test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as EMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has rried out in excess of at least 50 public park projects in India either by themselves or through their dealers or ntractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies bsites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the 16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic elded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All tal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All tal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up rosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no p stops or crush points. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre- mbled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size W * H) 1070 MM x 615 MM x 1360 MM . Capacity 1 person. Inclusive of All Taxes and Transportation Charges							1		
	Each	1					1	175000.0	175000.00
Rate								175000.0	
al									

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Supply & fixing of HD Waist Twister :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no bump stops or crush points. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1460 MM x 1310 MM x 1150 MM . Capacity 3 persons. Inclusive of All Taxes and Transportation Charges								
	Each	1				1	162500.0	
Data Rate						1	162500.0	162500.0
Total							Childrens play Equipments and Gym Equipments	4265769.0
							Kalyani	4944646.9
							GST Charges (12% of estimated cost)	593357.6
							SubTotal	9803773.49
							Preparation of DPR and Architectural ,Structural Consultation fee(1% of estimated cost)	98037.73
							Project management Consultancy Charges(1% of estimated cost)	98037.73
							Miscellaneous and rounding off	151.05
							Grand Total	10000000.0
							RUPEES ONE CRORE ONLY	

ERRIFICATE:

The work spot has been inspected and found to be necessary

The work spot comes under B.B.M.P

The provisions made in the estimate are necessary and minimum

The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20,PRED 2019-20, SE-RDED proved Rate and Issused Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

Administrative Sanction for Rs. 100.00 lakhs
(Rupees one crore lumpsum only)
is accorded under head P-3853
Special Development works
Registered as CE No. 85 Subject
to conditions contained in enclosed memo
No. MNP/SE/RDED/ASL/21-22 dated 28/01/2021

Technical Sanction
Accorded For Rs.100 lakhs
Head of A/C. P-3853
CER NO :-159 Dt. 28.01.2021

TA